

Field Adjustment – Magnetic Trip

Magnetic trips can be field adjusted to trip at multiples of the continuous current rating shown on the trip unit rating label. Operating tolerances for 600 Vac trips are:

- ± 20% of the trip setting at HI.
- ± 25% of the LOW setting.

For 250 Vdc, trip values are approximately 40% higher.

Trip Adjustment – On the type TKMA trip unit, the adjustment knobs are flush with the front of the breaker cover, as shown in Figure 3.

Breaker Frame Mountings

Front Connections – Lugs

NOTE: On a two-pole application, do not make any connections to the center terminals.

1. Remove the lug covers at the line and load ends of the breaker.
2. For front connection cables, insert the correct lug in place, as shown in Figure 3. Secure the lug to the terminal at the line and/or load end with the socket-head screws and washers provided. Tighten the screws to 200 lb-in minimum torque.
3. Replace the lug covers. High lug covers are supplied with trip units rated at 700 amperes and above. Remove the center-pole plastic knockout for cable access in a three-pole application.

Back Connections

Straps – Installation is illustrated in Figure 4.

Studs – Installation is illustrated in Figure 5.

For panelboard mounting see outline 455C704, sheet 1.
For switchboard mounting, see outline 455C840, sheet 4.

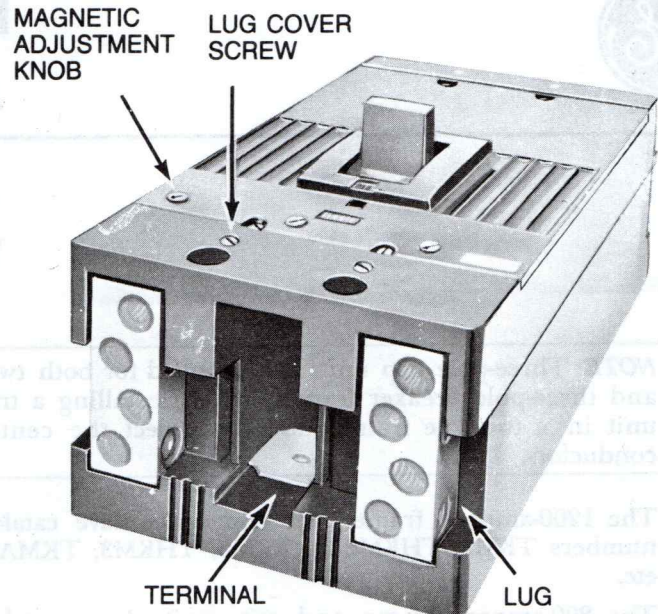


Figure 3. Installing lugs onto the breaker.

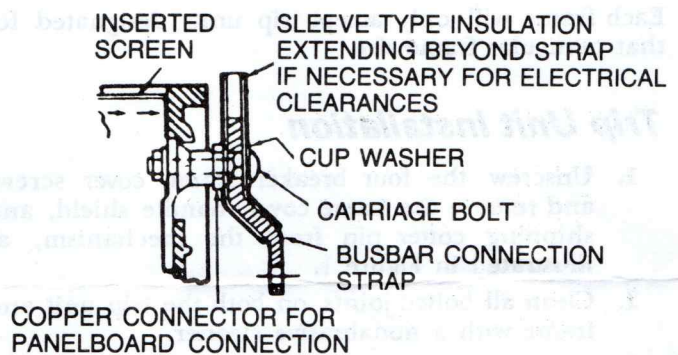


Figure 4. Strap installation.

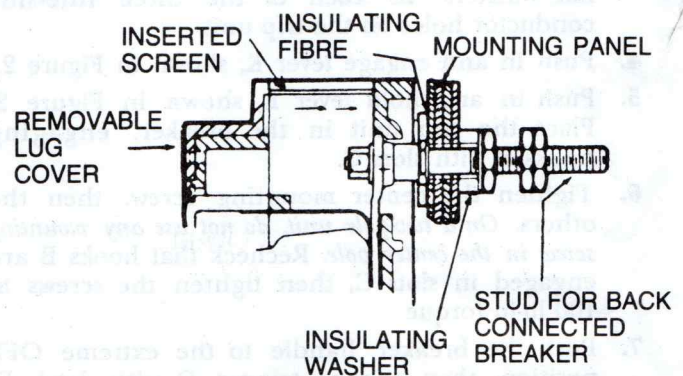


Figure 5. Stud installation.

These instructions do not cover all details or variations in equipment nor do they provide for every possible contingency that may be met in connection with installation, operation, or maintenance. Should further information be desired or should particular problems arise that are not covered sufficiently for the purchaser's purposes, the matter should be referred to the GE Company.



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